

02-04-02

A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

02/01/02

Please type a plus sign (+) inside this box → ☐

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	13DV-14021
First Inventor	Alfred A. Mancini, et al.
Title	METHOD AND APPARATUS TO DECREASE COMBUSTOR EMISSIONS
Express Mail Label No.	EL752185321US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
- ☐ Application claims small entity status.  
See 37 CFR 1.27
- ☒ Specification [Total Pages 15]  
(Preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 4]
- Oath or Declaration [Total Pages 2]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Certificate of express mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information:

Examiner

Group/Art Unit.

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Custom No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below
Name	John S. Beulick	
Address	Armstrong Teasdale LLP One Metropolitan Sq., Suite 2600	
City	St. Louis	State Missouri Zip Code 63102
Country	US	Telephone (314) 621-5070 Fax (314) 621-5065

Name (Print/type)	Robert E. Reeser, III	Registration No. (Attorney/Agent)	45,548
Signature		Date	February 1, 2002

Burden Hour Statement: This form is estimated to take 12 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1011 U.S. PTO  
10/061148  
02/01/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred A. Mancini :  
 :  
Filed: February 1, 2002 : Group Art Unit:  
 :  
For: METHOD AND APPARATUS TO DECREASE : Examiner:  
COMBUSTOR EMISSIONS :  
 :  
 :

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

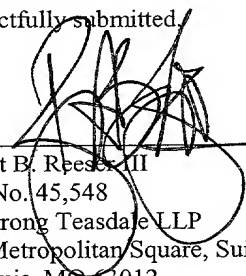
**Express Mail Mailing Label No.: EL752185321US**  
**Date of Mailing: February 1, 2002**

I hereby certify that the documents listed below:

- Utility Patent Application Transmittal (1 page)
- Fee Transmittal (1 page) (\$740.00)
- Specification (10 pgs.), Claims (4 pgs.), Abstract (1 pg.), Drawings (4 sheets)
- Declaration and Power of Attorney (unexecuted) (3 pages)
- Information Disclosure Statement (2 pages)
- PTO Form 1449 (1 page) plus cited references (AA-AJ)
- Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

Respectfully submitted,

  
Robert B. Rees, III  
Reg. No. 45,548  
Armstrong Teasdale LLP  
One Metropolitan Square, Suite 2600  
St. Louis, MO 63012  
(314) 621-5070